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**Bitumen-polymer binder cationic emulsions - using N-contg. emulsifier  
system contg. N-contg. carboxylic acid salt as sequestering agent**

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Number of Countries: 018 Number of Patents: 017

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 8604916	A	19860828	WO 86FR40	A	19860212	198636	B
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Priority Applications (No Type Date): FR 852212 A 19850215

Cited Patents: EP 80928; FR 1458754; FR 1576697; FR 2249915; FR 2479019

Patent Details:

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Abstract (Basic): WO 8604916 A

Novel cationic emulsions comprise a dispersion of bitumen/polymer type binder as organic phase in an aq. phase contg. a cationic N-contg. emulsifier, an acid to give a pH 3-9 and an additive comprising a water soluble polyfunctional N-contg. carboxylic acid salt having, in pH range 3-9, a sequestering power w.r.t. metal ions equiv. to a fixation of at least 5 mg Ca++ ions per g. of salt. The emulsifying system is also claimed.

USE/ADVANTAGE - The emulsions are used e.g. for road applications. Use of the additive in the emulsifying system overcomes the harmful influence of interactions between solvent and emulsifier and between solvents and salts contained in the water. (53pp Dwg.No.0/0)

Title Terms: BITUMEN; POLYMER; BIND; CATION; EMULSION; N; CONTAIN; EMULSION ; SYSTEM; CONTAIN; N; CONTAIN; CARBOXYLIC; ACID; SALT; SEQUESTER; AGENT

Derwent Class: A93; L02; Q41

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